

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
STRUB, et al

Application No.: 10/764,309

Filed: January 22, 2004

For: LOW ATTENTION RECORDING
WITH PARTICULAR APPLICATION TO
SOCIAL RECORDING

Atty. Docket No.: INT1P925C2

Examiner: Unassigned

Group: Unassigned

Date: March 19, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to:
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on

Mar 25, 2004

Signed: _____

Pat Tate

Pat Tate

INFORMATION DISCLOSURE STATEMENT

UNDER 37 CFR §§1.56 AND 1.97(b) BEFORE MAILING OF A FIRST OFFICE ACTION

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit the list of these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. The above-identified application is a continuation of prior application U.S. Patent Application No. 09/556,723. This prior application is being relied upon for an earlier filing date under 35 U.S.C. § 120. Because

the listed references were either cited by the PTO, or submitted to the PTO in the prior application, under 37 CFR § 1.98(d) Applicants submit that copies need not be provided.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

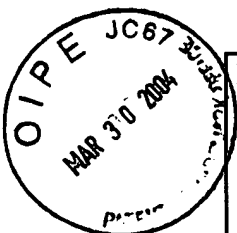
This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-0685 (Order No. INT1P925C2).

Respectfully submitted,
VAN PELT & YI LLP



Lee Van Pelt
Reg. No. 38,352

10050 N. Foothill Blvd, Ste 200
Cupertino, CA 95014
(408) 973-2585



Form 1449 (Modified) <div style="text-align: center;">Information Disclosure Statement By Applicant</div> <div style="text-align: center;">(Use Several Sheets if Necessary)</div>	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Atty Docket No.</td> <td>INT1P925C2</td> </tr> <tr> <td>Application No.:</td> <td>10/764,309</td> </tr> <tr> <td>Inventor</td> <td>STRUB, et al</td> </tr> <tr> <td>Group</td> <td>Unassigned</td> </tr> <tr> <td>Filing Date</td> <td>January 22, 2004</td> </tr> </table>	Atty Docket No.	INT1P925C2	Application No.:	10/764,309	Inventor	STRUB, et al	Group	Unassigned	Filing Date	January 22, 2004
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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	3,884,403	May 20, 1975	Brewer	224	5	Dec 7, 1973
	B	3,919,475	Nov 11, 1975	Dukich et al	178	7.91	Oct 9, 1974
	C	4,033,488	July 5, 1977	Brewer	224	5	Mar 17, 1975
	D	4,051,534	Sep 27, 1977	Dukich et al	358	210	Oct 27, 1976
	E	4,131,919	Dec 26, 1978	Lloyd et al	360	9	May 20, 1977
	F	4,446,997	May 8, 1984	Himberg	224	151	Jan 26, 1983
	G	4,526,308	July 2, 1985	Dovey	224	265	Jan 9, 1984
	H	4,536,066	Aug 20, 1985	Bauer	352	35	July 31, 1980
	I	4,714,184	Dec 22, 1987	Young et al	224	253	Mar 13, 1987
	J	4,837,817	June 6, 1989	Maemori	358	224	Apr 20, 1987
	K	5,012,335	Apr 30, 1991	Cohodar	358	108	June 27, 1988

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L							
	M							
	N							
	O							
	P							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	R	Chen, Francine et al, "The Use of Emphasis to Automatically Summarize a Spoken Discourse," 1992 IEEE International Conf. on Acoustics, Speech and Signal Processing, Mar 23-26, 1992, pp. I-229 to I-232.
	S	Description of Toyoda Machinery USA's Virtual Tech system, believed to be in use in Japan in 1998, 2 pgs.
	T	Evolution of Steve Mann's 'existential computer' ('wearable computer') invention developed for applications in 'personal imaging', IEEE Computer Society, 1998, 1 page.
	U	Frost III, Otis, "An Algorithm for Linearly Constrained Adaptive Array Processing,,: Proceedings of the IEEE, Vol. 60, No 8, Aug. 1972, pp. 926-935
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	V	5,146,353	Sept 9, 1992	Isoguchi et al	358	909	Nov 20, 1990
	W	5,185,667	Feb 9, 1993	Zimmermann	358	209	May 13, 1991
	X	5,262,856	Nov 16, 1993	Lippman et al	358	136	June 4, 1992
	Y	5,295,089	Mar 15, 1994	Ambasz	364	708.1	May 28, 1992
	Z	5,396,583	Mar 7, 1995	Chen et al	395	127	Oct 13, 1992
	AA	5,416,310	May 16, 1995	Little	235	462	May 28, 1993
	AB	5,436,542	July 25, 1995	Petelin et al	318	567	Jan 28, 1994
	AC	5,438,362	Aug 2, 1995	Tabuchi	348	211	July 6, 1993
	AD	5,467,271	Nov 14, 1995	Abel et al	364	420	Dec 17, 1993
	AE	5,477,331	Dec 19, 1995	Yamaguchi et al	385	296	Feb 23, 1995
	AF	5,486,852	Jan 23, 1996	Arai	348	211	June 29, 1993

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	AG							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	AH	Flanagan, J.L., et al, "Computer-steered Microphone Arrays for Sound Transduction in Large Rooms," J. Acoust. Soc. Am 78 (5), Nov. 1985, pp. 1508-1518
	AI	Forsyth, David et al., "Searching for Digital Pictures," Scientific American, June 1997.
	AJ	Froba, Bernhard et al., "Multi-Sensor Biometric Person Recognition in an Assess Control System," Proceedings Second International Conference on Audio-and Video-Based Biometric Person Authentication, March 22-23, 1999, Washington, D.C., pp. 55-59.
	AK	Gemperle, Francine et al., "Design for Wearability," IEEE, 1998, pp 116-122
	AL	Good Guys Circular, "JVC Compact Super-VHS Modular Component Video System," Nov 1991 or 1992, 1 page
Examiner		Date Considered

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	AM	5,488,409	Jan 30, 1996	Yuen et al	348	5	Sep 16, 1993
	AN	5,510,830	Apr 23, 1996	Ohia et al	348	36	Feb 27, 1995
	AO	5,514,861	May 7, 1996	Swartz et al	235	472	Mar 23, 1995
	AP	5,524,193	June 4, 1996	Covington, et al	395	154	Sept 2, 1994
	AQ	5,546,145	Aug 13, 1996	Bernardi et al	354	76	Aug 30, 1994
	AR	5,550,754	Aug 27, 1996	McNelley et al	364	514	May 13, 1994
	AS	5,575,443	Nov 19, 1996	Honeycutt	248	231.9	Oct 4, 1994
	AT	5,583,571	Dec 10, 1996	Friedland	348	373	Feb 13, 1995
	AU	5,594,498	Jan 14, 1997	Fraley	348	158	Oct 14, 1994
	AV	5,604,551	Feb 18, 1997	Choi et al	396	58	Dec 8, 1995
	AW	5,613,032	Mar 18, 1997	Cruz, et al	386	69	Sept. 2, 1994

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							Yes	No
	AX							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	AY	Grenier, Yves, "A Microphone Array for Car Environments," Speech Communication, Vol. 12, No. 1, Mar. 1993, pp 25-39.
	AZ	Haeberli, Paul et al., "Automatic Panoramic Image Merging" World Wide Web, Grafica Obscura, 1998,
	BA	Hall, Allan, "A new spin on power dressing," Associated Newspapers Ltd., Sept. 14, 1999.
	BB	Healey, Jennifer et al., "StartleCam: A Cybernetic Wearable Camera," Second International Symposium on Wearable Computers, Oct 19-20, 1998, pg 42-49.
	BC	Healey, Jennifer et al., "Quantifying Driver Stress: Developing a System for Collecting and Processing Bio-Metric Signals in Natural Situations," Proceedings of the Rocky Mountain Bio-Engineering Symposium, Apr. 16-18, 1999.
	BD	"Informedia: Experience on Demand," DARPA/ITO Joint IC and V/IM Principal Investigator Meeting, Oct 15-17, 1997.
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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	BE	5,678,793	Oct 21, 1997	Hill	248	206.3	Oct 30, 1995
	BF	5,684,514	Nov 4, 1997	Branscomb	345	185	May 16, 1994
	BG	5,692,661	Dec 2, 1997	Kellerman	224	648	Nov 20, 1995
	BH	5,694,474	Dec 2, 1997	Ngo et al	381	66	Aug 18, 1995
	BI	5,713,021	Jan 27, 1998	Kondo, et al	395	614	Sept 14, 1995
	BJ	5,717,814	Feb 10, 1998	Abecassis	386	46	Sept 16, 1994
	BK	5,717,869	Feb 10, 1998	Moran et al	395	339	Nov 3, 1995
	BL	5,726,660	Mar 10, 1998	Purdy et al	342	357	Dec 1, 1995
	BM	5,729,108	Mar 17, 1998	Steele	318	575	Dec 8, 1995
	BN	5,740,037	Apr 14, 1998	McCann et al	364	400	Jan 22, 1996
	BO	5,742,517	Apr 21, 1998	Van Den Bosch	364	507	Sep 14, 1995

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							Yes	No
	BP							
	BQ							
	BR							
	BS							
	BT							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	BU	Kelly, Patrick H. et al., "An Architecture for Multiple Perspective Interactive Video," Multimedia 1995, pp. 201-212.
	BV	Mann, S., et al., "Virtual Bellows: Constructing High Quality Stills from Video," IEEE, 1994, pp. 363-367.
	BW	Mann, S. et al., "Video Orbits of the Projective Group: A simple approach to Featureless Estimation
	BX	Phillips, P. Jonathon et al., "The FERET Evaluation," <u>Face Recognition: From Theory to Applications</u> , 1998, pp. 244-261.
	BY	Product description for SMPTE Time Code Products for GPS Video Position Logging, Horita Co., Inc., Viejo, CA 1998.
	BZ	Product description for Studio Master Time Code and Sync Generators, Horita Co., Inc., Viejo California 1998
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	CA	5,742,339	Apr 21, 1998	Wakui	348	233	Mar 14, 1997
	CB	5,749,010	May 5, 1998	McCumber	396	420	April 19, 1997
	CC	5,752,113	May 12, 1998	Borden	396	428	Dec 22, 1995
	CD	5,768,640	June 16, 1998	Takahashi et al	396	310	Oct 17, 1996
	CE	5,768,648	June 16, 1998	Skipp et al	396	428	Sep 5, 1997
	CF	5,796,426	Aug 18, 1998	Gullichsen et al	348	207	May 27, 1994
	CG	5,826,206	Oct 20, 1998	Nemeth	701	35	Mar 12, 1996
	CH	5,886,739	Mar 23, 1999	Winningstad	348	158	Nov 1, 1993
	CI	5,940,004	Aug 17, 1999	Fulton	340	825.49	Dec 18, 1997
	CJ	5,982,979	Nov 9, 1999	Omata, et al	386	69	Mar 12, 1996
	CK	6,118,925	Sept. 12, 2000	Murata, et al	386	83	Nov 12, 1996
	CL	6,160,950	Dec 12, 2000	Shimazaki et al	386	46	July 15, 1997

Foreign Patent or Published Foreign Patent Application

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							Yes	No
	CM							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	CN	Rosenberg, Aaron et al., "Recent Research in Automatic Speaker Recognition,": <u>Advances in Speech Signal Processing</u> , 1992, PP. 701-738.
	CO	Scheirer, Eric et al., "Construction and Evaluation of a Robust Multifeature Speech/Music Discriminator," Proc. ICASSP-1997, Apr. 21-24, Munich, Germany
	CP	Senior, Andrew, "Face and feature finding for a face recognition system," Proceedings Second International Conf. on Audio-and Video-based Biometric Person Authentication, Mar. 22-23, 1999, Washington, D.C., pp 154-159.
	CQ	Slaney, Malcolm et al., "Baby Ears: A Recognition System for Affective Vocalizations," Proceeding of the 1998 International Conference on Acoustics, Speech, Signal Processing (ICASSP), Seattle, WA May 12-15, 1998.
	CR	Sony ClipLink Guide, PP. 9-14, 1996
	CS	Sony PowerHAD digital camcorder operating instructions, pp. 65-71, 1998
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	CT	6,243,725	June 5, 2001	Hempleman, et al	707	530	May 21, 1997
	CU	6,351,599	Feb. 26, 2002	Komeno	386	70	Feb 28, 1997
	CV	6,360,234	Mar 19, 2002	Jain et al	707	500.1	Aug 14, 1998
	CW	6,377,519	Apr 23, 2002	Lee et al	369	30.04	Oct 23, 2000
	CX						

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							Yes	No
	CY							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	CZ	Szeliski, Richard et al., "Creating Full View Panoramic Image Mosaics and Environment Maps," Computer Graphics Proceedings, Annual Conf. Series, 1997, pp 251-258.
	DA	Szeliski, Richard, "Video Mosaics for Virtual Environments," IEEE Computer Graphics and Applications, March 1996, pp 22-30.
	DB	World Wide Web page illustrating Alain Mikli La Lunette Camera Sunglasses, 7/27/98
	DC	World Wide Web pages regarding 1998 Everest Expedition Datacam Technology, 7/31/98.
	DD	World Wide Web page describing Supercircuits GC1 Professional Grade Color Convert Glasses Cam, 1998, 1 page
	DE	World Wide Web pages describing Velbon CX Series and DF Series Tripods (4 pages)
	DF	World Wide Web pages describing Rock House Products Covert Video/Audio Sunglasses, 1998, 2 pages.
	DG	World Wide Web pages describing Gitzo S.A. Ball Head Camera Mounts (4 pages)
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